

----- Forwarded Message -----

Subject:Re: VI around landfills

Date:Mon, 30 Apr 2018 10:01:56 -0500

From:Maria Powell (MEJO) <mariapowell@mejo.us>

To:Foss, Darsi J - DNR <Darsi.Foss@wisconsin.gov>, Miller, Mark - LEGIS

<Mark.Miller@legis.wisconsin.gov>, Rep.Sargent

<Rep.Sargent@legis.wisconsin.gov>, Ritt, Michele <Ritt.Michele@countyofdane.com>

CC:Fassbender, Judy L - DNR <Judy.Fassbender@wisconsin.gov>, Sellwood, Alyssa A -

DNR <Alyssa.Sellwood@wisconsin.gov>, 'jimpowell@mejo.us'

<jimpowell@mejo.us>, touyengxiong@mejo.us <touyengxiong@mejo.us>,

idajammeh@mejo.us <idajammeh@mejo.us>

In the below emails:

-Truax Air National Guard site

-Former Burke Sewage Treatment site

The three sites are all adjacent to each other and interconnected--and again, Starkweather Creek flows around/through all of them.

Thank you,

Maria

On 4/30/2018 9:59 AM, Foss, Darsi J - DNR wrote:

Maria

I see the Truax landfill listed as a landfill site you are interested in. Can you please clarify the other two contaminated BRRTS sites you are inquiring about? Thank you.

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Darsi Foss

Director, Remediation and Redevelopment Program

Wisconsin Department of Natural Resources

101 S. Webster St. (RR/5), Madison, WI 53707

Phone: (608) 267-6713

darsi.foss@wisconsin.gov

dnr.wi.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]
Sent: Saturday, April 28, 2018 10:12 AM
To: Foss, Darsi J - DNR; Miller, Mark - LEGIS; Rep.Sargent; Ritt, Michele
Cc: Fassbender, Judy L - DNR; Sellwood, Alyssa A - DNR; 'jimpowell@mejo.us';
touyengxiong@mejo.us; idajammeh@mejo.us
Subject: Re: VI around landfills

Darsi,

Thanks for having staff review the files for the three sites mentioned below to understand whether or not vapor intrusion has been assessed. We appreciate it!

Starkweather Creek also flows through the three sites, and ditches and drains from the sites are routed to it. Since staff will already be reviewing the files, can they also address whether or not effects of the sites' contamination on Starkweather Creek have been assessed? Yes or no is fine.

Thank you,

Maria

On 4/26/2018 4:20 PM, Foss, Darsi J - DNR wrote:

Maria

The “yes” or “no” takes some research. Thanks.

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Darsi Foss
Director, Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 S. Webster St. (RR/5), Madison, WI 53707
Phone: (608) 267-6713
darsi.foss@wisconsin.gov

dnr.wi.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]
Sent: Thursday, April 26, 2018 4:07 PM
To: Foss, Darsi J - DNR; Miller, Mark - LEGIS; Rep.Sargent; Ritt, Michele

Cc: Fassbender, Judy L - DNR; Sellwood, Alyssa A - DNR
Subject: Re: VI around landfills

OK, thanks. I was just expecting a yes or no.

Maria

On 4/26/2018 12:37 PM, Foss, Darsi J - DNR wrote:

Maria

Most of our requests for assistance come in a fee-based technical assistance requests. We try and turn those around in 60 days, given our resources and workload. Our staff presently have 70+ open sites that they are working on, in addition to the closed sites that are coming in for redevelopment assistance. Further, many of these staff work on federal grant sites that have deadlines that we need to meet.

I am not asking that you pay a fee, but I am trying to be fair in responding to all customers in a similar time frame. This request will require that we work with the Waste and Materials Management program, pull and review the file, meet with staff and fashion a response to you. Additionally, I don't believe this is a "yes" or "no" question if we are to provide you with a thoughtful answer.

I hope that provides some context to getting you a response.

Thank you.

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Darsi Foss

Director, Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 S. Webster St. (RR/5), Madison, WI 53707
Phone: (608) 267-6713
darsi.foss@wisconsin.gov

dnr.wi.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]

Sent: Thursday, April 26, 2018 12:23 PM

To: Foss, Darsi J - DNR; Miller, Mark - LEGIS; Rep.Sargent; Ritt, Michele

Cc: Fassbender, Judy L - DNR; Sellwood, Alyssa A - DNR
Subject: Re: VI around landfills

Ms Foss,

Thanks for the response--I appreciate it.

I'm wondering, however, why it will take as long as two months for DNR to say whether or not vapor intrusion has been assessed at the sites I asked about below. Vapor intrusion (or the potential for it) either has or has not been assessed at these sites, and project managers for these sites would know that.

Can you please explain why it could take two months to provide a yes or no answer?

Thanks,
Maria

On 4/26/2018 10:35 AM, Foss, Darsi J - DNR wrote:

Maria

Thank you for your inquiry. I was out of the office for 3 days last week, and am catching up on the many emails I received. I will follow up with our regional DNR staff on a response in the next 60 days.

Thank you

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Darsi Foss

Director, Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
101 S. Webster St. (RR/5), Madison, WI 53707
Phone: (608) 267-6713
darsi.foss@wisconsin.gov

dnr.wi.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]
Sent: Thursday, April 26, 2018 10:04 AM
To: Miller, Mark - LEGIS; Rep.Sargent; Ritt, Michele

Cc: Fassbender, Judy L - DNR; Foss, Darsi J - DNR; Sellwood, Alyssa A - DNR
Subject: Re: VI around landfills

Hello Ms. Foss and Ms. Fassbender:

Can you acknowledge receiving my questions below? If you can't address them, can you direct me to someone who can?

Thank you,

Maria Powell

On 4/20/2018 9:01 AM, Maria Powell (MEJO) wrote:

Darsi, Judy,

Also, can you please tell me whether vapor intrusion has been assessed at the Truax Air National Guard site to the north of the sites below? This site has also had VOC detects in groundwater/soils since the 1990s, according to reports in DNR files.

Thank you,

Maria

On 4/18/2018 8:59 AM, Maria Powell (MEJO) wrote:

Thanks Joe. Hello also Darsi and Judy.

Based on reports submitted to DNR, the Dane County Truax Landfill south of the airport has had VOC detections (PCE, TCE, VC) above the PAL and/or ES since the late 1980s (if not earlier). The former Burke Sewage Treatment plant (now Reyco property) is just south of the landfill and received a VI letter in 2011.

There are businesses, homes, and a Montessori pre-school adjacent to this landfill. It is hard to say if there is off-site migration, or a vapor risk, due to the limited number and limited depths of monitoring wells. Perhaps I am missing something.

Darsi or Judy, can you clarify whether or not the DNR assessed the potential for vapor intrusion at/near this site?

Thanks,
Maria

On 4/16/2018 3:37 PM, Van Rossum, Joseph P - DNR wrote:

Ms. Powell,

The department's Waste and Materials Management program provides regulatory oversight for routine groundwater monitoring that is associated with licensed landfills. Landfill owners are required to notify the department if there are any detections of VOCs above a Preventative Action Limit or an Enforcement Standard in groundwater monitoring wells around the site. If groundwater impacts associated with a landfill are detected at levels that present a vapor risk and there is off-site migration, then the Waste & Materials Management program would be working closely with other DNR programs including the Remediation & Redevelopment and the Drinking and Groundwater Programs to determine the appropriate regulatory authority that would apply to the situation, including who is required to send notification letters. The vapor screening criteria in RR-800 would be used to guide decisions on whether VOCs in groundwater are a potential vapor risk to receptors. Residences and schools would be considered as would other occupied buildings or future development sites. Because landfill owners generally have routine monitoring and reporting requirements, there typically wouldn't be a case where vapor intrusion notification letters would be required to be sent to a landfill.

Thank you for your patience with my response.

Sincerely,

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Joe Van Rossum

Phone: (608) 264-6286

Cell: (608) 416-9200

Joseph.vanrossum@wisconsin.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]

Sent: Monday, April 16, 2018 10:51 AM

To: Sellwood, Alyssa A - DNR <Alyssa.Sellwood@wisconsin.gov>

Cc: Van Rossum, Joseph P - DNR <Joseph.VanRossum@wisconsin.gov>
Subject: Re: VI around landfills

Hi Mr. Van Rossum,

Have you had time to consider my questions below? Please let me know.

Thanks,
Maria

On 4/4/2018 11:46 AM, Sellwood, Alyssa A - DNR wrote:

Hi Maria - Joe Van Rossum from our Solid Waste Program will be responding to you.

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Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Alyssa Sellwood

Phone: 608.266.3084

Alyssa.Sellwood@wisconsin.gov

From: Maria Powell (MEJO) [<mailto:mariapowell@mejo.us>]
Sent: Monday, April 02, 2018 10:22 AM
To: Sellwood, Alyssa A - DNR <Alyssa.Sellwood@wisconsin.gov>
Subject: Re: VI around landfills

Thanks Alyssa. I'm familiar with RR800 but have a few questions about the risk assessment/communication process re landfills with VOCs in groundwater.

Is potential vapor intrusion from landfills with VOCs addressed the same as any other site per RR800?

Are the DNR employees responsible for oversight of landfills trained on VI issues?

Do DNR landfill site managers (or someone else?) send VI letters to landfill owners if there are

VOCs at the landfill?
Do they consider residences/schools, etc near landfills?

Thanks,
Maria

On 4/2/2018 10:15 AM, Sellwood, Alyssa A - DNR wrote:

Hi Maria - Thanks for your question.

If the potential for vapor intrusion is a result of volatile contamination from the landfill, the approach to screen, sample, and interrupt the vapor intrusion pathway are addressed in guidance document [RR-800](#), which is found on the program's vapor intrusion webpage: <http://dnr.wi.gov/topic/Brownfields/Vapor.html>.

For addressing landfill gases that result from the breakdown of the contained waste materials, I refer you to the <https://dnr.wi.gov/topic/Landfills/emissions.html> and to the contact persons on that webpage.

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Alyssa Sellwood, P.E.
Vapor Intrusion Team Leader – Remediation & Redevelopment
Wisconsin Department of Natural Resources
101 S. Webster St., P.O Box 7921
Madison, WI 53707-7921
Phone: 608.266.3084
Alyssa.Sellwood@wisconsin.gov

dnr.wi.gov

